

10/576358

SEQUENCE LISTING

AP20 Rec'd PCT/PTO 17 APR 2006

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<120> Improved Control Of ES Cell Self Renewal And Lineage Specification, And  
Medium Therefor

<130> 09641.0011-00000

<140> Not Yet Assigned

<141> 2006-04-17

<150> GB 0324270.8

<151> 2003-10-16

<150> GB 0324378.9

<151> 2003-10-17

<150> GB 0325007.3

<151> 2003-10-27

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<170> PatentIn version 3.1

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<212> PRT

<213> Mus sp.

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Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Ser Pro  
20 25 30

Ser Thr Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
35 40 45

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
50 55 60

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
65 70 75 80

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
85 90 95

Leu Pro Ile Gln Thr Ala Glu Leu Thr Pro Glu Leu Val Ile Ser Lys  
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Asp Lys Arg Ser Phe Cys His  
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Met Lys Ala Leu Ser Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys  
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Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Ser Pro  
20 25 30

Ser Ala Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
35 40 45

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
50 55 60

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
65 70 75 80

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
85 90 95

Leu Pro Ile Gln Thr Ala Glu Leu Thr Pro Glu Leu Val Ile Ser Lys  
100 105 110

Asp Lys Arg Ser Phe Cys His  
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Met Lys Ala Leu Ser Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys  
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Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Gly Pro  
 20 25 30

Ala Ala Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
 35 40 45

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
 50 55 60

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
 65 70 75 80

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
 85 90 95

Leu Pro Ile Gln Thr Ala Glu Leu Ala Pro Glu Leu Val Ile Ser Asn  
 100 105 110

Asp Lys Arg Ser Phe Cys His  
 115

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Met Lys Ala Leu Ser Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys  
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Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Gly Pro  
 20 25 30

Ala Ala Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
 35 40 45

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
 50 55 60

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
 65 70 75 80

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
 85 90 95

Leu Pro Ile Gln Thr Ala Glu Leu Ala Pro Glu Leu Val Ile Ser Asn  
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Asp Lys Arg Ser Phe Cys His  
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Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg  
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Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
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Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys Leu Ser Glu Arg Ser  
20 25 30

Leu Ala Ile Ala Arg Gly Arg Gly Lys Gly Pro Ala Ala Glu Glu Pro  
35 40 45

Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr Ser Arg Leu Arg Glu  
50 55 60

Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu Ser Gln Val Glu Ile  
65 70 75 80

Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu Gln Val Val Leu Ala  
85 90 95

Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His Leu Pro Ile Gln Thr  
100 105 110

Ala Glu Leu Ala Pro Glu Leu Val Ile Ser Asn Asp Lys Arg Ser Phe  
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Cys His  
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<213> Artificial Sequence

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Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
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Met Lys Ala Leu Ser Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys

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25

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Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Gly Pro  
 35 40 45

Ala Ala Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
 50 55 60

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
 65 70 75 80

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
 85 90 95

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
 100 105 110

Leu Pro Ile Gln Thr Ala Glu Leu Ala Pro Glu Leu Val Ile Ser Asn  
 115 120 125

Asp Lys Arg Ser Phe Cys His  
 130 135

<210> 9  
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 <212> PRT  
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<400> 9

Met Lys Ala Leu Ser Pro Val Arg Gly Cys Tyr Glu Ala Val Cys Cys  
 1 5 10 15

Leu Ser Glu Arg Ser Leu Ala Ile Ala Arg Gly Arg Gly Lys Ser Pro  
 20 25 30

Ser Thr Glu Glu Pro Leu Ser Leu Leu Asp Asp Met Asn His Cys Tyr  
 35 40 45

Ser Arg Leu Arg Glu Leu Val Pro Gly Val Pro Arg Gly Thr Gln Leu  
 50 55 60

Ser Gln Val Glu Ile Leu Gln Arg Val Ile Asp Tyr Ile Leu Asp Leu  
65 70 75 80

Gln Val Val Leu Ala Glu Pro Ala Pro Gly Pro Pro Asp Gly Pro His  
85 90 95

Leu Pro Ile Gln Thr Ala Glu Leu Thr Pro Glu Leu Val Ile Ser Lys  
100 105 110

Asp Lys Arg Ser Phe Cys His Arg Gln Ile Lys Ile Trp Phe Gln Asn  
115 120 125

Arg Arg Met Lys Trp Lys Lys  
130 135